



(12) **United States Patent**
Schumm et al.

(10) **Patent No.: US 6,221,598 B1**
(45) **Date of Patent: *Apr. 24, 2001**

(54) **MULTIPLEX AMPLIFICATION OF SHORT TANDEM REPEAT LOCI**

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

This patent is subject to a terminal disclaimer.

(21) Appl. No.: **09/327,229**

(22) Filed: **Jun. 7, 1999**

Related U.S. Application Data

(63) Continuation of application No. 08/316,544, filed on Sep. 30, 1994, now abandoned.

(51) **Int. Cl.**⁷ **C12Q 1/70; C07H 21/04**

(52) **U.S. Cl.** **435/6; 435/91.1; 435/91.2; 536/23.1; 536/24.31; 536/24.33**

(58) **Field of Search** **435/6, 91.2, 91.1; 536/24.33, 24.31, 23.1**

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(57) **ABSTRACT**

The present invention is directed to the simultaneous amplification of multiple distinct genetic loci using PCR or other amplification systems to determine in one reaction the alleles of each locus contained within the multiplex.